

To: Way, Steven[way.steven@epa.gov]; Guy, Kerry[Guy.Kerry@epa.gov]; Petri, Elliott[Elliott.Petri@WestonSolutions.com]
From: Goertz, Dave
Sent: Tue 9/29/2015 7:57:08 PM
Subject: FW: Pond - Geotech Info
01302-0002 Upper Gladstone Ponds.pdf

Steve,

Here is the geotech report. Mike has said he really would like to look at the berms to assess their stability. He has sent me a cost breakdown for you to look at. I will be forwarding that email.

Thanks,

Dave

David Goertz, PE

Weston Solutions, Inc.

1435 Garrison Street, Suite 100

Lakewood, CO 80215

Office: 303 729-6123

Cell: 720 635-0818

dave.goertz@westonsolutions.com

From: Michael Berry [mailto:mberry@huddlestonberry.com]
Sent: Tuesday, September 29, 2015 1:44 PM
To: Goertz, Dave
Subject: RE: Pond - Geotech Info

Dave,

The report for the Upper Gladstone Ponds is attached. Please call me so we can discuss. 970-260-9415.

Thanks.

Michael A. Berry, P.E.

Vice President of Engineering

Huddleston-Berry Engineering & Testing, LLC

640 White Avenue, Unit B

Grand Junction, CO 81501

(970)255-8005 ph

(970)255-6818 fax

From: Goertz, Dave [<mailto:Dave.Goertz@WestonSolutions.com>]

Sent: Tuesday, September 29, 2015 1:11 PM

To: Michael Berry

Subject: RE: Pond - Geotech Info

They are treatment ponds for discharge from the Gold King Mine. For our purposes I would consider them permanent.

David Goertz, PE

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dave.goertz@westonsolutions.com

From: Michael Berry [<mailto:mberry@huddlestonberry.com>]

Sent: Tuesday, September 29, 2015 1:09 PM

To: Goertz, Dave

Subject: RE: Pond - Geotech Info

Dave,

Will these ponds be temporary or permanent? Some of the emails suggest that they may be temporary; however, I wanted to verify.

Thanks.

Michael A. Berry, P.E.

Vice President of Engineering

Huddleston-Berry Engineering & Testing, LLC

640 White Avenue, Unit B

Grand Junction, CO 81501

(970)255-8005 ph

(970)255-6818 fax

From: Goertz, Dave [<mailto:Dave.Goertz@WestonSolutions.com>]

Sent: Monday, September 28, 2015 12:01 PM

To: Michael Berry (mberry@huddlestonberry.com)

Subject: FW: Pond - Geotech Info

David Goertz, PE

Weston Solutions, Inc.

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Lakewood, CO 80215

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dave.goertz@westonsolutions.com

From: Goertz, Dave

Sent: Monday, September 28, 2015 11:59 AM

To: HuddlestonBerry@Bresnan.net

Subject: FW: Pond - Geotech Info

Mike,

I found your email address. Below is the construction and berm information. The elevations are on the plan view figure provided. For the most part the berm is about 6 feet tall. There are

spillways which keep the maximum water elevation at 5 feet. What we need is for you to give us a idea of the stability of these berms. The ponds will be lined with 60-mil HDPE. Call if you have questions. Also let me know how much you will charge us and I'll get the paperwork started.

Thanks,

DAve

David Goertz, PE

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dave.goertz@westonsolutions.com

From: Petri, Elliott

Sent: Monday, September 28, 2015 9:14 AM

To: Goertz, Dave

Subject: RE: Pond - Geotech Info

Hi Dave,

I spoke with ER and they pond was built as follows:

- 1 Foot Lifts
- Compacted via the excavator bucket

- Material was mostly dry, minimal moisture

I have also reattached the Gradation report, if you can please put together the cross sections based off of our phone call (fairly level subgrade, top of berm ~5' wide, ~2:1 slopes).

Thanks,

Elliott

Elliott Petri, PE

Weston Solutions, Inc.

1435 Garrison St, Ste 100

Lakewood, CO 80215

Ph: 303-729-6156

Cell: 719-216-2754

Fax: 303-729-6101

From: Goertz, Dave

Sent: Saturday, September 26, 2015 11:43 AM

To: Petri, Elliott <Elliott.Petri@WestonSolutions.com>

Subject:

We need the following Gladstone ponds berm information to package and give to the geotechnical engineer on Monday morning. You can email it to me and I will see he gets it. We need:

- The gradation report
- A description of the construction of the berm including:
 - o Height of lifts

- o Compaction methods used on each lift
- o Qualitative idea of the moisture content of the soil during construction (slightly moist, bone dry etc.)
- Profile or profiles of the berm including dimensions and high water level

I know some of this information will be difficult to accurately provide but do the best you can. The opinion we get will be as good as the information we give him. If some of these data are ranges that is ok.

David Goertz, PE

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dave.goertz@westonsolutions.com

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